

Name(s) of Risk Team Members: E. Lessard, L. Campione, J. Scott				Point Value → Parameter ↓		1		2		3		4		5			
Job Title: Universal Waste Handling Job Number or Job Identifier: JRA 15-06				Frequency (B)		≤once/year		≤once/month		≤once/week		≤once/shift		>once/shift			
Job Description: Handling of universal wastes (batteries) at C-AD from identification to satellite area to transport to C-AD 90-Day Area.				Severity (C)		First Aid Only		Medical Treatment		Lost Time		Partial Disability		Death or Permanent Disability			
Training and Procedures List (optional): OPM 8.20, Procedure for handling and Disposal of Hazardous Waste OPM 8.20.e, Control of Samples and Containers Training: RW-1, Contamination Worker, C-AD Access, HazCom, Rad Waste Generator, Haz Waste Generator, Haz Mat Transport, Back Safety, Fork Truck, Crane Operator, Rigging				Likelihood (D)		Highly Unlikely		Unlikely		Possible		Probable		Multiple			
Approved by: <i>E. Lessard</i> Date: March 10, 2006 Rev. #: 0																	
Stressors (if applicable, please list all): Air temperature, moisture, working alone, ice and snow on ground				Reason for Revision (if applicable):						Comments:							
				Before Additional Controls										After Additional Controls			
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction	
Pick up waste forms at Building 911 Fill out logs and inventory records at 90-day area	Office hazards	Proper lighting, ventilation, heating, cooling, janitorial services, housekeeping rules, Tier 1 inspections	N	1	4	3	2	24	Need lighting in 90-day area “office”								
Drive lift gate truck to satellite area Drive lift gate truck to 90-day area Return lift gate truck to Building 911	Highway accident	Rear view mirrors, viewing holes in lift gate, defensive driver training, daily truck inspections, seat belts, PE inspections and maintenance of truck, traffic control signs, well-maintained driving surfaces, on-site traffic rules, speed limits	Y	1	4	3	3	36									
Enter Radiation Area to get to satellite area	Radiation exposure	Posting, labeling, PPE, Tier 1 inspections, training, procedures, work planning, RWP, dosimeters, radiation surveys done by RCT	N	1	4	1	2	8									

Waste container handling Match waste descriptions and tags to waste pickup forms	Hazardous material exposure	Certified and trained waste technician, supervisor reviews work plan daily, locked and controlled entrance to satellite area, posting, waste container labeling, PPE, Tier 1 inspections, waste area inspections, training, procedures, MSDS, work planning, locked 90-day area with limited access, use of certified containers and drums, 90-day houses segregated according to waste container size, 90-day area inventory sheets available, posted contingency plan, posted emergency procedure, posted 90-day rules, spill cleanup materials, PPE locker with extra safety glasses and gloves	N	1	4	3	2	24								
Manually transport wastes from satellite area to lift gate truck Manually transport wastes from lift-gate truck to 90-day area	Overexertion – injuries caused by excessive lifting, pushing, pulling, holding, carrying or throwing of an object	Training, procedures, safety shoes, gloves, work planning, dollies, specific back injury prevention training, load lift limit, barrel carts, lift gate trucks, PE Riggers if required, pallet jack	Y	2	4	3	3	72	Need ramps on 90-day houses to safely move waste from lift-gate truck into 90-day houses	Y	2	4	3	2	48	33%
Transport wastes to 90-day area	Spill of waste due to accident or tip over of container on truck bed and spill	Secondary containment for small containers on truck bed, low center of gravity for larger waste containers, work planning, traffic control signs, well-maintained driving surfaces, on-site traffic rules, speed limits	Y	1	4	3	2	24								
Further Description of Controls Added to Reduce Risk: Ramps have been ordered by C-AD Environmental Coordinator and should be installed in FY06. A light will be ordered for the 90-day “office.”																
*Risk:	0 to 20		21 to 40			41-60			61 to 80			81 or greater				
	Negligible		Acceptable			Moderate			Substantial			Intolerable				